AMERICAN

RAILROAD JOURNAL.

STEAM NAVIGATION, COMMERCE, FINANCE, LAND

INSURANCE, BANKING, MINING, MANUFACTURES.

HENRY V. POOR, Editor.

SATURDAY, JULY 16, 1859.

Second Quarto Series, Vol. XV., No. 29 .-- Whole No. 1,213, Vol. XXXII.

ESTABLISHED IN 1831

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PUBLISHED WEEKLY, BY

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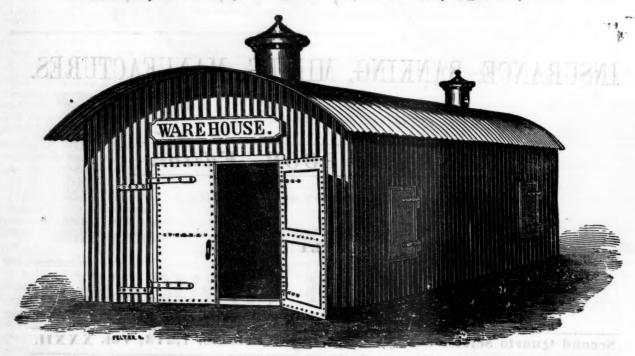
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It is believed that the Eric Canst, with its

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PRINCIPAL CONTENTS.

Railroads in British India
Canals of New York
Michigan Central Railroad
Brunswick and Florida Railroad
Journal of Railroad Law
Illinois River Railroad
Hannibal and St. Joseph Railroad Lands 454
Railroad Earnings
Copper Smelting at Baltimore
New York and Erie Railroad
Eastern Railroad
Fayette Co. (Pa.) Railroad
Macon and Western Railroad
Mobile and Girard Railroad
Railroads in Texas 458

American Railroad Journal.

PUBLISHED BY J. H. SCHULTZ & CO. No. 9 SPRUCE ST.

New York, Saturday, July 16, 1859.

Railroads in British India.

A "Report on the Construction of Railways in India," has been laid before Parliament by a committee appointed to examine into the subject. From this document we learn that there are seven separate companies engaged in constructing lines in India, under the guarantee of the Indian government. These are as follows:

1. The East India Company, whose line extends from Calcutta via Rajmahel and Allahabad to Delhi, or Meerut, with a branch from Mirzapoor, to meet the line of the Peninsula Company at Jubbulpoor. The length of this line will be 1.400 miles, and it is already completed to Patna. The cost has hitherto been about £12,000 per mile.

2. The Great Indian Peninsula Company's road from Bombay in a north-easterly direction to Jubbulpoor, where it will form a junction with the East India line, and in a south-easterly direction via Poonah and Sholapoor, to meet the Madras line at Bellary. It is already completed to Poonah.

3. The Madras Company whose line from Madras via Cuddapah and Bellary (junction of the Great Indian Peninsula), will extend in a western direction to the Malabar coast at, or near, Beypoor,

from Bombay via Surat, to Baroda and Ahmedabad, and which, for several miles out from Bombay, uses a common line with the Peninsula Company.

on the Indus, and from Mooltan to Lahore, with a

6. The Eastern Bengal Company, with a line from Calcutta to Dacca, and a branch to Jessore.

7. The Great Southern Company, with a line southward to Madura and Tinnivelly.

In all British India there are now 12,000 miles of line projected, and it is estimated that the construction of the whole will average £6,000 per it will cost, at least, 50 per cent. more.

The cost, as estimated for each of the several

£12,731,000 East India. Great Indian Peninsula..... 11,000,000 Madras 6.000,000 Bombay, Baroda and Central India... 2,000,000 Scinde and Punjaub 2 500 000 Eastern Bengal 1,000,000 Great Southern

The chief objects sought to be attained in the construction of railroads in India are alike military, political, and commercial. The commercial element, however, has always been supreme in determining the locations. In calculating the extent of railroads necessary for India, comparison is made of that country with America and England. In America there was one mile of railroad to evin the manufacturing counties of Britain, one mile to every 5 square miles. But whilst in America there were only about 9 inhabitants to every square mile, in India there were 124 to the square mile. And thus it is obvious that the ratio of the importance of introducing railroads into India is fourteen to one as compared with America.

The first Indian railroad project was conceived

4. The Bombay, Baroda and Central India phenson, who submitted to the Indian government Company, the line belonging to which extends a scheme for a line from Calcutta to the northwest of India; and almost simultaneously Mr. Chapman submitted a scheme for a railroad from Bombay towards the interior. In 1845 a company was formed for the construction of a line from 5. The Scinde and Punjaub Company, which Madras to Arcot. These several plans have now is constructing a line from Kurrachee to Kotree been matured, and the result is that the railroad is to be spread over the great central peninsula of connection between Kotree and Mooltan by steam Southern Asia like a net work, giving outlets to the interior, and facilities to communication between the governments in every direction, and, should it hereafter unhappily become necessary, to the rapid movement of troops and warlike stores. from Salem via Trichinopoly to Negapatam, and For the construction of all these lines, the Indian government has given ample guarantee, and is bound to see that the interest on the outlay is satisfied. In relation to this, the report states that the several companies have the power of surrenmile, or £72,000,000; but the probability is, that dering the works at any time after the line is opened, upon giving six months' notice to the government, and the East India government undertake lines above enumerated, is stated at the following to repay the whole amount that has been expended by the railway company. The East India government have the power, within six months after the expiration of 25 or 50 years, of purchasing the railways at the mean market value, in London, of the shares during the three previous year. In case the railway companies fail to complete the lines, or to work them satisfactorily, the government is entitled to take possession, and repay within six months the sums expended—the companies to repay the guaranteed interests from the profits of the railway.

The supervision of the government over the proceedings of the companies is of two distinct kinds, viz: That exercised in the person of the official director over the railway boards in London, and ery 112 square miles of territory; in the United that exercised by consulting engineers in India, to Kingdom, one mile to every 14 square miles; and whom is committed the charge of superintending on behalf of government all railway operations in that country.

It is difficult to comprehend what a vast revolution these railroads will work in the commercial and industrial economy of the country; and this will affect, in a commensurate ratio, the whole commercial world. England will, of course, reap the lion's share of the profits; but next to that in the latter part of 1844, by Mr. McDonald Ste- country the United States should rank, and with

prudence on the part of our government, our share | of what is now popularly called commerce. There in the coming prosperity of India will be of no mean value.

Canals of New York.
We copy the following from the Report of the Chamber of Commerce of the City of New York, in reference to the canals of this State contrasted with those of other countries:

The Erie Canal was opened for navigation through its entire length on the 26th of October, 1855. Previous to that time, the cost of transportation was so excessive that there was scarcely any commerce between the city of New York and the great Lakes. The larger part of the merchandise and products exported from Western New York to the seaboard, was sent down the Susquehanna river to Baltimore, or by the Schuylkill to Philadelphia. Except along the coast, and with the region tributary to the Hudson river and Long Island Sound, New York had no domestic commerce. Her capacious harbor, and proximity to the sea gave her advantages over any other city in the United States as an entrepot for foreign trade, and caused her to be largely used for that purpose.

It was, of course, impossible that a city so situated should long occupy a secondary or subsidiary position. Its facilities for the prosecution of for-eign commerce compelled the adoption of means of internal communication. The fact that New York was the chief seaport of the United States. called into existence the requisite means for rendering her the greatest domestic mart. The noble Hudson river afforded the basis of operations. The trade arising from the increasing population and products of the vast region lying in the valley of the Onio and Mississippi, was the prize to be con-

At the time when New York awoke to the necessity of adopting measures for bringing to her wharves this trade, which is now only in embryo, canals were the best media for internal commerce which the skill and genius of man had yet devised. To enable her, therefore, to appropriate the trade to which her position justly entitled her, the Eric Canal was conceived and executed. Its completion at once placed New York in direct communication with the greatest inland seas, and the finest grain-growing regions in the world.

The following statement shows the extent of water communication which was practically opened to New York by the construction of the Erie

Canal :

Length, Breadth, Area, miles miles sq. miles Erie Canal-Alb'y to Buffalo. . 863 Oswego and other late'l canals. 666 Welland Canal 28 40 7.300 9,300 18 River 60 Lake Huron 270 145 1,900 Michigan 326 32,100 Superior 320

Thus the whole trade of the fertile region tributary to over 2,500 miles of navigable watersbracing an area of nearly one million square miles and the population of which, under the stimulus given by the Erie Canal, has increased from less than half a million to nine millions of inhabitants. was turned, by the completion of this work, from its natural channels, having their outlets far distant from us, into the most capacious harbor on the Western Continent. The slow raft and the toilsome flat-boat—destitute of all the conveniences and appliances of speed, comfort, and promp-titude, and traversing, for the most part, uncultivated forests-gave place to the light and convenient canal-boat, whose way laid through a highly cultivated country, full of thriving towns and villages, at a rate of speed, and with a certainty in its time of arrival and departure, as much in advance of the ordinary means of conveyance as the railroad car of the present day is in advance of the stage-coach of half a century ago. Canals are probably the oldest artificial medium

is reason to suppose that, in Egypt, they were co-eval with the building of the Pyramids; and that se that, in Egypt, they were cowithout their existence those mysterious structures could not have been reared. Pliny describes the canal of the Pontine Marshes, which extended from the Forum Apii to near Terrecina, and was completed B. c. 152, as being intended for the double purpose of drainage and navigation.

The honor of bringing the art of canal making to its present state of perfection is generally awarded to James Brindley, the Engineer of the Duke of Bridgewater's Canal, which was opened between Manchester and the River Mersey, in 1761. It would appear, however, that Brindley did not ac-complish anything more than was achieved by the Engineer of the Great Canal of China, which was constructed in the reign of the Emperor Yang-ti, who ascended the throne in the year 605 of the Christian era. The distinctive feature of the Bridgewater Canal project was "the determination of preferring one level, which led to the construction of tunnels, aqueducts, and embankments

of very considerable magnitude."

The greatest artificial canal in the world-if we look to the cost of construction, the amount of business transacted upon it, and the volume of water it contains—is, undoubtedly, the Erie Canal, in this State. McCulloch, in his Commercial Dictionary, speaks of the canal from Amsterdam to New Dieppe, near the Helder—the object of which is to afford a safe and easy passage for large vessels between Amsterdam and the German Ocean as "the greatest work of the kind in Holland, and probably in the world:" and he describes its size to be "twice as great as that of the New York canal, or the Canal of Languedoc, and two and a half times as great as the artificial part of the Caledonia Canal. The dimensions of the Holland Canal, above-mentioned, are as follows:

Greatest width of surface 130 feet depth 21 Cost.....£850,000

The Ganges Canal has sometimes been described as the greatest canal in the world. A writer in Blackwood's Edinburgh Magazine for December 1856, in an article on "Our Indian Empire," says of it: "No single canal in Europe has attained to half the magnitude of this Indian work. It nearly equals the aggregate length of the four greates canals in France. It greatly exceeds all the first class canals of Holland put together; and it is greater, by one-third, than the greatest navigation canal in the United States of America."

The main line alone has the following dimensions depth 10

These dimensions, however, include river improvements, and do not apply to the artificial chan-

Including branches, it is about 900 miles long, and irrigates an area of not less than a million and a half of acres. This canal leaves the bed of the Ganges at Hurdwar, at the foot of the Himalayas. It was opened April 8th, 1854. The whole main line of the canal was designed and executed within a period of eight years. Its cost is stated at £1,-400,000, or about 7,000,000.

The Imperial Canal of China is 720 miles in length, and its depth is at no time more than from 5 to 6 feet, while in dry weather, it is frequently reduced to 3 feet. It is, in fact, composed of riv ers and lakes-making the excavated portion of

comparatively limited dimensions,

In the several cases which have been cited, the original dimensions of the Eric Canal have been assumed in any comparison, to wit: Length, 363 miles; width of surface, 40 feet; depth, 4 feet. But the magnificent work which now belongs to the Empire State, has the following dimensions through its entire length:

Width of surface throughout 70

It is believed that the Erie Canal, with its present enlarged prism, may safely challenge a com-parison, in point of dimensions alone, with any similar work of ancient or modern times. But if we look to the commerce which is carried on through its channels, showing a tonnage for the last twenty-five years of 61,853,892 tons, valued at \$3,829,588,868, it is speaking very far within bounds, to say that history contains no other records of any such commerce, either in the quantity or value of articles transported.

The following table shows the whole number of miles of canal in the United States, British America, Europe, and Asia, so far as can be ascertained from public records:

United States 5,172 Asia 6,420

The first canal built in the United States was the Santee, in South Carolina, in 1802. It connects the Santee and Cooper rivers by a length of 21 miles. The longest is the Wabash and Erie, extending from Toledo, on Lake Erie, to Evansville, on the Ohio river—469 miles. One of the last constructed, and the shortest—that around the Sault St. Marie-three-fourths of a mile long. promises to be one of the most important.

Except upon the New York canals, few or no statistics as to the cost, trade, &c., of most of the canals of the United States have been preserved. An approximate estimate shows the cost of construction to have been about \$25,000 per mile-s total of \$129,326,000-for the United States.

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The supremacy of New York over all the other cities of the Union, dates from the completion of the Erie Canal. Up to that time it was the second city of the Union, in point of population, commerce, and extent of trade. Other cities, having more extensive natural means of communication with the interior of the country, not only enjoyed a larger and more important trade, but were increasing, both in population and commerce, with a rapidity which bid fair to leave New York relatively still lower in the scale of dignity and importance. The era of her unparalleled prosperity is coincident with the completion of the canal, by which the commerce of the lakes, and the agricultural products of the great West—just then foreshadowing the magnitude it has since achieved—were brought at once into our magnificent harbor.

The following table, showing the condition of this city at various periods, in respect of com-merce, population, and wealth, indicates the agen-cy which the Erie Canal has had in its growth and

development:

No. tons received by canal at tide water 185,405 1,985,142 do. \$18,540,000 \$61,586,061 Value of Population of N. Y. City and Brooklyn 175,000 1,000,000

Valuation of real and per-

sonal property in N. Y. City and Brooklyn . . . \$106,000,000 \$630,519,208 Value of foreign imports

and exports of N. Y.

City \$84,057,000 \$270,983,548*

The mere possession of means of communication is not sufficient to establish an extensive com-merce. To win all the advantages desired, it is necessary to be constantly on the alert against rivals who are striving to surpass us in commercial facilities. Our most formidable competitor is Canada, with its great water-line of the St. Lawrence, made navigable from the head of Lake Superior to the Straits of Belle Isle, a distance of more than 2,500 miles, and with vastly greater capacity than is possible to any artificial channel. The St. Lawrence canals pass vessels of 500 tons burden—more than twice as large as the Erie Ca-

^{*} Panic year. The values for the three previous years, were as follows: 1855, \$229,851,169; 1856, \$300,407,814; 1857, \$346,939,774.

real will admit, even with its enlarged prism. The the Commissioner of Statistics for that State, in tolls upon them have been imposed rather with a alluding to the diminished revenue, says:

"This is certainly not a very satisfactory picture in regard to revenue; but the canals were not following statement will show the amount of ton nage which has passed over them for a series of the utility and benefit of commerce; to carry off the utility and benefit of commerce; to carry off the utility and benefit of commerce; to carry off the utility and benefit of commerce; to carry off the utility and benefit of commerce; to carry off the utility and benefit of commerce; to carry off the utility and benefit of commerce; to carry off the utility and benefit of commerce; to carry off the utility and benefit of commerce; to carry off the utility and benefit of commerce; to carry off the utility and benefit of commerce; to carry off the utility and benefit of commerce; to carry off the utility and benefit of commerce; to carry off the utility and benefit of commerce; to carry off the utility and benefit of commerce; to carry off the utility and benefit of commerce; to carry off the utility and benefit of commerce; to carry off the utility and benefit of commerce; to carry off the utility and benefit of commerce and t

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WELLAN	D CANAL.	ST. LAWRE	NCE CANALS.
Year	Tons.	Year	Tons
1848	807,611	1848	164,267
			213,153
1850	399.600	1850	288,103
1851	691,627	1851	450,400
1852	743,060	1852	492,575
1853	905,518	1853	561,601
1854	797,210	1854	662,613
1855	849,333	1855	541,254
1856	976,556	1856	634,535
1857	901,072	1857	593,652
1858	855,112	1858	605,558

The competition of these canals may be regarded as just commenced.

We can successfully combat their influence only by making it more for the interest of every portion of the interior to seek our market, by offering a cheaper rate of carriage, and better prices for its produce

We have also to contend with an active and vigorous competition from the great lines of commu-nication at the South. The railroads from Baltitimore and Philadelphia afford advantages to those cities, by means of their greater proximity to the producing regions west of the Alleghanies, which can only be overcome by increased facilities for transportation on our part. The introduction of steam upon the Erie Canal promises to confer these facilities. A new era in the history of this great work is opened; and the fears, sometimes entertained, that it would cease to be used, are likely to be dispelled.

In view of this prospective revival of the business of the canals, the proposition to re-impose the canal tolls upon the merchandise carried over competing railroads, loses even the specious force with which it has heretofore been urged. Even with a certainty that the canal is ultimately to fall into print the tabular statement as follows: disuse, such a measure could not be otherwise than impolitic. In any view, it would defeat the very object for which canals were constructed, viz: to

cheapen transportation. If any proof were wanting other than that which is suggested by a statement of the case, it is abundantly furnished by the experience of Ohio, a State which, in public improvements and extent of domestic commerce, may fairly be ranked with New York. This State has 849 miles of canal, built at a cost of more than \$15,000,000, nearly contemporaneously with the canals of this State. A large though decreasing business is still transacted upon them. The receipts from tolls since 1850 have

1851	 	\$856,353
1852	 	688,776
1853	 	626,625
1854	 	511.416
1855	 	468,832
1856	 	427.813
		348,673
		285 301

The importance of these canals has dwindled to such an extent, that no statement whatever is made of them in the "Second Annual Report of the Commissioner of Statistics," presented to the Legislature of that State, February 1, 1859. Notwithstanding this diminution, unparalleled in the commercial annals of a prosperous and growing State, would not the entire community rebel against any attempt to impose canal tolls upon railroads of that State, with a view to restore to the canals their lost traffic? Is it not manifest that such a proceeding would be suicidal to the entire commercial interest of the State? More that such a proceeding would be suicidal to the ger and freight engines is 32.9 pounds, or about entire commercial interest of the State? More 10 miles per ton. The average cost per mile is wise than to follow the course urged by interested 8.57 cents. The coal costs on the tender, all expanding elsewhere. Obio leaves traffic to each its

large amounts of produce, which would otherwise be charged with quadruple cost in reaching market. This purpose they have accomplished; and although the freights on the canals have diminish ed, yet we see they have transported a very great amount of produce, and we believe they amply repay the interest of the public debt in the benefits

Regarded in any just point of view, there is really no rivalry between canals and railroads—espe-cially with canals situated like those of New York.

There are certain articles, the value of which mainly depends upon the rapidity of their transportation-such as live stock, and all the more perishable kinds of food, as well as those possessing great value in proportion to their bulk. The railroad, by the facilities it affords for travel, and the transmission of mails, is instrumental in filling up the interior with people whose industry in turn creates business for the canal. The articles of freight especially belonging to the latter are the various kinds of grain, lumber, salt, iron, cured provisions, etc., etc. Such articles must always constitute a large portion of the traffic on every great route of commerce, and of such the canal will have the monopoly, by virtue of its greater facilities, and cheaper transportation.

Coal Burning on the Boston and Providence Railroad.

Below we give a table showing the amount of coal consumed, and the miles run by fifteen locomotives on the Boston and Providence road for the six months ending May 31st, 1859. The freight and passenger service is kept distinct, and the averages stated in each. The engine 'Washington,' running the largest amount of miles, has used the smallest amount of coal per mile. We

	38.8	28,534	1,106,252	29.8	50,461	Total1,491,018
e av	88.0	296	11,440	:	:	Attleborough
, -				87.7	1,267	
ag				28,8	1,748	etts
e (::	39	364	
208				32.3	1,257	
d				36,4	8,351	Neponset 122,048
1180				26.1	6,393	W. R. Lee 166,748
d	38.8	5,474	212,210			Mansfield
pe				29.6	5,847	Canton
r	38.6	44	1,698	82	8,218	Rhode Island 102,826
mi				26.9	6,607	
le				25.7	10,980	Washington 282,618
for	46.2	9,380	424,246	42.7	828	King Phillip 35,380
t	87.7	12,046	405,328			Roxbury
ot	39.6	1,295	51,330	82.3	8,611	New York 227,850
h	mile.		Coal.	mile.	run.	Coal.
pas	Lbs.p'r	Miles.	Lbs. of	Lbs.per	Miles	Locomotives. Lbs. of
sei) :	N S ES		3 12 12		Names of
n		CHATTER T TIME THE STATE OF	CTOTAL ST	D.CLIANO.	CANDONAGO LOCAMO	LACOL

parties elsewhere, Ohio leaves traffic to seek its penses included, \$5.84 per ton of 2,240 pounds.

14,177,528 57 ewn medium of conveyance, untrammeled by any legislative test or restriction. Mr. E. D. Mansfield, 2,597,270, or 1,1594 tons, and the aggregate Total debt reduction during the y'r. \$282,951 11

miles run by both passenger and freight trains, was 78,995. The fuel expenses per mile run on this road have been reduced within a very few years, about 67 per cent. according to the above statement. This shows what can be done by an

I	intelligent adoption of the means to the	done by an
	Michigan Central Hallron The annual statement of this compt been published. The capital accor year ending May 31st, 1859, is stated	any has just ant for the
	June 1, 1859, To capital stock	DR.
1	Bond account, viz:— 6 per cent. sterling bonds, unconvert-	province of the
	ible, 1st mortgage \$467,488 89 8 per ct. sterling bonds, convert. 1st mortg 500,000 00	
	8 per cent. bonds, un- convertible 258,000 00	
	8 per cent. bonds, convertible, 1st mortg3,831,000 00	
	8 per cent. bonds, convertible, 1st mortg.,	- 1
	1st sinking fund 3,087,000 00 8 per cent. bonds, con-	The same
	vertible, 1st mortg., 2nd sinking fund 41,000 00 8	,184,488 89
	To income account, balance of this account	108,975 97 495 00
	Total	1 09-41-19
	The second secon	CR.
	By construction No. 1, purchase of road\$2	2,000,000 00
	By construction No. 2, expenditures since purchase	
	By cash on hand	34,478 20
	By cash loaned on call	34,000 00 211,579 82
	Assets in hands Oliver Macy, Gen-	The state of the s
	Assets in hards R. N. Rice, Sup't New Albany & Salem Railroad Co.,	33,518 63 60,508 49
	Joliet and Northern Indiana Rail-	609,763 99
	Joliet and Northern Indiana Rail-	168,225 00
	road construction	40,768 18 311,719 88
	Total	1,351,799 86
,	Operating expenses\$979,56 Taxes 93,16	52 80
200		— 1,072,782
	Net	\$817,045
2	Paid to sinking fund	\$735,488 07 60,000 00
THE PARTY	Balance to credit of income	21,557 00
	Nothing has been charged to consti	\$817,045 07
	ing the year; the permanent improdetailed in the Superintendent's re	vements, as
17 17 17	been charged into the operating according to the bonded debt of the company, J	
THE PLANE	was	8,284,063 83
TO A TATO	The second secon	8,402,639 68
TATO		
	The b'nd'd d't is now \$8,184,488 89 Less sinking fund 64,800 32	

Total net debt.. \$8,119,688 57 Capital stock 6,057,840 00 The gross earnings of the road, as compared with the previous year, show a decrease of \$590,-627 85; divided among the different branches of traffic as follows:

The comparative monthly statement of earnings is as follows:

Year	endi	ing May 31	st,	Decres	ise.
				1-1190 000	
244,373	57	\$170,847	58	\$78,525	99
		143,872	45	67,763	53
221,353	98	176,060	82	45,293	16
301,588	74	224,574	50	77,014	24
262,923	83	209,868	03	58,055	80
211,860	89	156,298	00	55,562	89
170,464	77	130,108	71	40,356	06
122,379	95	101,386	50	20,993	45
107,502	40	102,959	35	4,543	05
165,986	03	151,864	66	14,071	37
223.010	37	143,143	30	79,867	07
185,727	01	127,145	77	58,581	24
	185 \$244,373 211,635 221,353 301,588 262,923 211,860 170,464 122,379 107,502 165,986 223,010	1858. \$244,373 57	\$244,373 57 \$170,847 211,635 98 143,872 221,353 98 176,660 301,588 74 224,574 262,923 83 209,868 211,860 89 156,298 170,464 77 130,108 122,379 95 101,386 121,560 30 151,864 223,010 37 143,143	\$244,373 57 \$170,847 58 211,635 98 143,872 45 221,353 98 176,060 82 301,588 74 224,574 50 262,923 83 209,868 03 211,860 89 156,298 00 170,464 77 130,108 71 122,379 95 101,386 50 107,502 40 102,959 35 165,936 03 151,864 66 223,010 37 143,143 30	1858. 1859. 244,373 57 \$170,847 58 \$73,525 211,635 98 143,872 45 67,763 221,353 98 176,060 82 45,293 301,588 74 224,574 50 77,014 262,923 83 299,868 03 53,055 211,860 89 156,298 00 55,562 170,464 77 130,108 71 40,356 122,379 95 101,386 50 20,993 107,502 40 102,959 35 4,543 165,986 03 151,864 66 14,071 223,010 37 143,143 30 79,867

Totals\$2,428,757 52 \$1,838,129 67 \$590,627 85

The following table will show some of the leading changes in the earnings and operations of the company during the last two years:

Expenses per mile run	Average earnings per mile run	Earnings, per mile run, pass ger t'ns Do. do. freight do.	Operating expenses, exclusive of State tax	Total earnings	:			CA	Miscellaneous earnings	Local freight earnings	Local passenger earnings		Line Control of the C
654 per cent.	1 85	2 02	2,005,156	3,104,602 69	1,755,961 71	748,538 64	1,007,428 07		80,694 47	664,953 83	\$602,992 68	1857.	YEAR
75g per cent.	1 88	1 81	1,580,290 59	2,428,757 52			868,169 05	1,085,184 29	73,969 64	558,344 14	\$152,870 51	1858.	R ENDING MAY 31st
72 53} per cent.	1 55	1 62	979,552 80	1,888,129 67	895,276 81	334,646 30	560,630 51	942,852 86	68,084 82	496,789 16	\$377,978 88	1859.	AY 31st,
	17# "	104 "	300	241 "	000	294 "	354 "	100	00	11 "	161 per cent.	previous.	Percentage of decrease of the last y'r

The president in his report attributes the falling-off of earnings to the following causes:

First. A decrease of business to and from the States beyond our line, the railroads and general business of that region having suffered quite as much as any other part of the country, from the great depression of the times.

Second. The opening of several new avenues to market from the region which had heretofore been drained principally by the two Michigan roads.

Third. The large reduction of freight rates brought about by the competition of the four great seaboard lines, one of which extending to Illinois brought upon all the East and West lines from that State, the evils of that competition and its low rates.

Fourth. The competition for the small business upon the Lakes this year has reduced the rates charged by the lake craft upon freight, between Buffalo and Chicago, to a point below that of any other period.

Some of these causes are temporary and may not occur again for years. The opening of the new lines is a permanent evil, which nothing but the natural increase of the population and business of the new country tributary to all, will out grow. Should that region upon the return of its usual prosperity develop as rapidly as before, the loss occasioned by the new lines before very long will be overcome.

The local business of the road has been affected by the partial failure of the wheat crop last year. We have received for the transportation of wheat and flour (which is principally local) over \$112,000 less than last year, while our eastward local freight earnings have fallen off \$43,000, which shows the miscellaneous freight to have increased a small amount even in this bad year, and that Michigan as heretofore, is relying less and less upon the uncertainties of the wheat crop.

Our road is in fine order and our rolling stock in excellent condition. The property in every department has been well kept up, and it is probable we were never as well, certainly never better prepared than now, to do a large business with

The cost of operating the road the past year have equalled 53 per cent. of the receipts. For 1858 they equalled 69 per cent.—showing a saving equal to 16 per cent, on the gross earnings. In 1857 the expenses exceeded 60 per cent. of the receipts. The results stated are extraordinary, as we are not accustomed to expect the expenses of carrying on a large business to be reduced in ratio to the reduction in amount of such business. If the road should earn, say, \$1,500,000 for 1858-'59, we have no doubt that the expenses would be reduced to 50 per cent. of the receipts. The reason is obvious. With money flush, our Railroad Companies go it with a high hand. Economy is little heeded. It is only enforced by the pressure of necessity. It would be considered a burning shame if such a road as the Michigan Central could not earn the interest on its debt, representing only about one-half of its cost. This was the stint set before the managers the past year. It was barely accomplished-\$21,557 only, being the excess.

The statement just made places the dividends of the company some distance in the future. If the present ratio of receipts to expenses could be maintained, they need not be despaired of. We think the road has seen the worst of the hard times. Each year should show an increase of receipts of 2 or \$300,000. If one half of this increase could go to the stockholders, they might begin to expect something in two or three years. To pay 6 per cent. dividends, additional net earnings of only \$370,000 are needed, requiring an increase of say, \$800,000, or a total of \$2,700,000 as gross receipts. The gross earnings for 1858 were \$2,428,-787, and for 1857, \$3,104,600, or \$1,214,823 greater than the earnings for the past year. It may take five years to come up to the earnings of

1857; but we think not. Certainly with a fair degree of prosperity, for the interior The uncertain element in the future is the cost of operating the road. The probabilities are that the current expenses will increase in a much greater ratio than the increase of gross receipts. The greatest degree of economy is obtained only by that patient and conscientious discharge of duty, that constant watchfulness which on our railroads is not the habit or rule, but which are only temporarily enforced by an extraordinary crisis, and are relaxed from as soon as such crisis is past. If a new principle could be introduced into the management of our railroads-if the compensation of the employees could be made to depend upon the value of their services, or the saving they could effect in their several stations, then an extraordinary would become an ordinary economy.

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Brunswick and Florida Railroad.

The annual meeting of the stockholders of this company was held at Brunswick, Ga., on the 12th May, 1859, at which the following gentlemen were elected directors for the ensuing year:

H. G. Wheeler, S. C. King, A. S. Atkinson, H. C. King, of Georgia, and D. R. Martin, C. Kibbard and G. E. Gray, of New York. On the organization of the new board, H. G. Wheeler was unanimously re-elected President and Treasurer.

Since the last annual report, the company have directed their efforts mainly to the construction of this road towards the point of its proposed connection with the Atlantic and Gulf (Main Trurk) Railroad; but their progress has been slow, owing to financial difficulties. Since December last, there have been landed at Brunswick 1,000 tons of American rail, 51 pounds to the yard, sufficient to lay about 121/2 miles, in addition to the 31 miles then in use. Of this distance, 4 miles had been laid. Beyond the point to which construction was completed to the proposed connection with the Main Trunk line, 67 miles from Brunswick, is mostly graded, and a large part crosstied. The entire cost of the road so far has been \$755,000; and to carry on the work, the company held immediate means, amounting, exclusive of conditional stock notes, etc., to \$190,000. These stock notes were given by parties residing on the line of the road, and are made payable when the road is completed to certain points. They amount to upwards of \$50,000 on the main line to the Alapaha river, and \$93,000 on the Albany branch.

The mortgage debt of the company remains the same as at the date of their previous report, viz: \$8,500. The floating debt is stated at about \$70,000.

The charter of the Brunswick and Florida Railroad covers a line which is located from Brunswick to near the junction of the Flint and Chattaheechie rivers, via Mill Town, Sharp's Store and Thomasville. Also, branches to the Florida line from any point on this route, together with a branch to the Chattahoochie river via Albany, &c.

The State chartered the Atlantic and Gulf Railroad (generally known as the Main Trunk) and appropriated \$1,000,000 to aid in its construction.

The right of way and franchise of 300 feet on each side of the line of road was granted by the Brunswick and Florida Railroad to the Atlantic and Gulf Railroad, and your Board, before deciding on the further extension of their road, waited until the Atlantic Junction and Gulf Railroad Company should make such a location as appeared to them best for the interest of the country.

It is now ascertained that the route of the Atiantic and Gulf Railroad passes from the Initial Appling counties, almost on an air-line to a point tual value. on the Brunswick and Florida Railroad, 67 miles and in 1859 is estimated at 130,000. from Brunswick; thence in a south-westerly course in the direction of Monticello, in Florida, until it reaches within a few miles of the Florida line, and thence to Thomasville and Bainbridge.

This location leaves a vast extent of country lying open for a railroad leading from the Junction of the Atlantic and Gulf Railroad with the Brunswick road, in a north-westerly direction; and as soon as the location of the Atlantic and Gulf Railroad was definitely settled, instructions were given by your Board to the Chief Engineer, to organize track; a subject on which we have lately mena corps and to commence a survey of the line tioned several cases. from the Junction to Albany-upon nearly an airline as was practicable.

As soon as the waters subsided, the party took on between the Alapaha and Albany.

The Chief Engineer reports, that he made a reconnoisance in a direct line from Albany to the Alapaha river, where he met his party 29 miles from the Junction. The route surveyed, so far on an air-line, is very favorable, presenting no heavier work than that which occurred in the same distance on the road already graded from Satilia Station to Randolph Station, west of Big Creek. The measured distance from Brunswick to the Junction is 67 miles. From the Junction to Albany, the computed distance is 100 miles. This line of rail will bring Albany within a distance of 167 miles of the seaboard at Brunswick.

will be made with Montgomery in Alabama. Already a railroad is being constructed from Cuthbert to a point on the Chattahoochie opposite Eufala. Both Cuthbert and Eufala are on an air-line drawn from the junction through Albany. distance in a direct line from Albany to Cuthbert is 38 miles, from Cuthbert to Eutala 22 miles, and from Eufaia to Montgomery (estimated) 75 miles making the distance from Albany to Montgomery 135 miles, and from Montgomery to Brunswick

only 302 miles. The distance by rail from Montgomery to Saannah via the Montgomery and West Point-Opelika-Muscogee-South-western and Central Railroads is 383 miles—making a difference in favor of the direct line from Montgomery to Brunswick, via Eufala, Cuthbert and Albany, of

81 miles.

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This saving in distance and time must necessarily bring both up and down freights, from and to Montgomery, over the line of road leading to Brunswick, and it is just as certain that return freights, merchandise, &c., destined to supply those portions of the States of Alabama and Mississippi dependent upon the line of road leading from Montgomery to Vicksburg, must pass over the Brunswick road, via Albany and Montgomery and be distributed at least as far West as Vicksburg.

The construction of this road is under the supervision of Col. Charles L. Schlatter, Chief Engi-

Debt of Chicago.

The entire amount of the city of Chicago debt to March 1, 1859, was \$2,239,000, all of which has been issued for strictly municipal purposes. The debt is apportioned as follows:

Funded.	Floating.	Total.
Municipal \$514,000	\$200,000	\$714,000
Water work 1,025,000		1,025,000
Sewerage 500,000	- 11.000 force	500,000

The water rents produce annually an amount

sufficient to pay operating expenses, the interest on that portion of the debt, and an annual sinking fund for its gradual extinction. The balance of interest is provided for by taxation. The sinking fund of the sewerage loan now amounts to \$30,000,

The assessed value of taxables in the city was, in any, there were to prevent his views, which had Point, or Zero, near the corner of Wayne, Wade and 1858, \$36,200,000, being only one-third of the ac-The population in 1855 was 83,509,

Journal of Railroad Law.

ACTIONS FOR DAMAGES .- PLAINTIFF'S NEGLI-GENCE.

The case of Mackey vs. the New York Central Railroad Company, drew in question the principles governing the liability of a railroad company to a person injured while crossing their railroad

This action was brought by the administrators of Abram Mackey under the New York statute, the field, and the surveys are now being carried to recover damages for negligently causing the death of Mackey ...

Mackey was run over and killed, on the 21st of December, 1854, by the defendants' locomotive and express train of cars, while he was crossing with his team and sleigh, their railroad, at the highway crossing at the Savannah station, in the county of Wayne. It was claimed in the complaint, that the defendants' agents, on approaching the station, at the time in question, neglected to sound the whistle or ring the bell as required by statute. The proof was that Mackey, who From Albany a direct communication by rail had been engaged for some time previous, in drawing and piling wood at the railroad station at Savannah, was crossing the track northwardly with his team, as the express train was going by that station from the west. The locomotive struck and killed him. Some witnesses did not hear the signals of either bell or whistle, some heard the one and not the other, and some heard both. The defendant's wood house and several piles of wood, stood south of, and within 100 feet of the track, and west of the highway, obstructing the view of a person approaching from the south.

> It appeared that as Mackey standing on his empty sleigh, his horses walking approached within 40 feet of the track, he was warned by one Remer, a witness in the case that "the cars were coming." He turned an instant and looked toward the witness without stopping, then suddenly struck his horses, drove upon the track, and as he was crossing, the engine struck him. These facts were not controverted.

A motion for non-suit was denied, the Court leaving it to the jury to say whether this was negligence in Mackey.

The Court charged the jury among other things, that they were to consider the question of negligence on the part of the defendants; that they were guilty of negligence if they omitted to give the whistle. That they were also guilty in case they did not give such signal, if the jury should find that by reason of the position of the wood necessary for the deceased, in order to avoid injury, which they omitted to employ. That the defendants might by their own acts have made something necessary on their part beyond what out to natural persons. the statute required, in order to avoid the imputation of negligence. That another question was: was the deceased guilty of negligence in crossing the railroad? That in passing upon this question, intestate when coming on to their track from the the jury would bear in mind and consider his op- south side of the road. The judge told the jury duly invested according to the provisions of the act, portunity to see and know what obstructions, if that the situation of the wood could only be re-

1855, \$26,992,898; in 1856, \$31,736,084; and in been created by the railroad company and his acquaintance with the premises and time of the passing of the trains. That if the deceased was negligent, although the defendants were also negligent the plaintiffs were not entitled to recover. That if the deceased's negligence contributed in measure with the negligence of the defendants, to. cause the injury, the plaintiffs were not entitled to recover notwithstanding the negligence of the defendants. That the situation of the wood. could only be regarded in considering the obligation of the defendants to provide greater care against accidents.

To this charge of the Court the defendants excepted. The jury rendered a verdict for the plaintiffs for \$3,000 damages.

The defendants moved for a new trial, which was denied. They then appealed; and the following is the substance of the opinion of the appellate court upon their appeal.

E. DARWIN SMITH, J., after disposing of a preliminary question in the case. It was proved by one witness who was standing two rods south of the track and on the west side of the road or highway, at the crossing, at the time of the accident, that the plaintiff's intestate came out of the field into the road where the witness was standing, and was going towards the crossing when the witness spoke to him and told him the cars were coming; he (the deceased) was then going slowly, standing on his sleigh and his horses. on a walk. "As I spoke to him" (the witness : said) "he turned his head towards me, and then struck his horses with the lines and went on to the track." The witness, on cross-examination. further said that he was about six feet from the . deceased when he spoke to him; was not able to say whether he (deceased) heard him or not. "He turned and looked towards me when I spoke to . him, and then with quick motion struck his horses : with the lines." This witness is not contradicted or in any way impeached. His testimony is clear ; and explicit, and is fully entitled to credit, for aught that appears in the case. I think upon this positive testimony, unexplained, uncontradicted, or in any way weakened, the justice at the trial . would have been warranted in non-suiting the plaintiffs: and how the jury could say that the plaintiff's intestate was not guilty of negligence, or that his negligence in no way contributed to his death, I cannot comprehend. If the rule that a plaintiff suing for negligence must himself be free from fault is a sound one—if a plaintiff whose negligence has contributed to the injury is not entitled to recover against a party no more the signal, either by ringing the bell or blowing guilty of negligence than himself, and this rule of law is to be maintained, I cannot see how such a finding of a jury can be sustained. It is directly against the evidence, and we cannot uphold it or and other circumstances, extra care was made refuse to set it aside, unless we adopt the rule which is, I fear, quite prevalent in the jury box, that the same measure of justice is not to be meted out to a railroad corporation that is meted

> There are several exceptions to the charge, but they all relate to the wood pile of the defendants so placed as to obstruct the view of the plaintiff's

garded in considering the obligation of the defendants to provide with greater care against accidents. Wood was piled all along, for many rods from the crossing, on the sides of the railroad track westward, so as to obstruct the view of a person at the crossing. In what respect this imposed any extra duty upon the defendants in running their cars, I cannot perceive. The case contains no suggestions of any particular neglect of any duty in respect to the wood pile. The plaintiff was not a stranger there. He was at work drawing and piling wood at that station, and had been so engaged the whole of last season. (The accident was on the 21st of December 1854.) It was in proof that 24 trains of cars passed there daily, which must have been well known to the deceased, as well as to their relative times, and the customary practice in passing that station. It seems to me that it was the height of impudence and heedlessness for a man, with such knowledge, to approach and attempt to cross a railroad track about the time a train was due, till he had fully ascertained that it was entirely safe to do so, and that the fact of the location of this wood pile, perfectly well known to him, does not diminish his duty to be careful in the slightest degite. The rather, in my opinion, did it increase his duty to greater carefulness. I cannot agree with the implication of the charge, that because there was a wood pile in the way of his seeing far along the track-a wood pile placed there by the defendants probably through the personal agency of the plaintiff's intestate himself-he was, therefore, excused or relieved from exercising due care and diligence. I hold that he was bound to exercise care and diligence and foresight in proportion to the danger to be avoided, and the fatal consequences involved in his neglect. His vigilance should be quickened, not slackened, by the fact that he could not see the track sidewise to any distance, till he got right on it. He was bound to act as a prudent rational man in view of the surrounding circumstances; and no prudent man would drive heedlessly upon a railroad and attempt to cross its track, till he had actually and fully ascertained that the track was clear, and that there was no danger. The allusion which the circuit judge made to the wood pile, in his charge, I think clearly erroneous. He made it an excuse for the plaintiff's intestate in driving heedlessly upon the track. It must have been so construed by the jury. I think all the exceptions to the charge, so far as they relate to the situation of the wood pile, and its influence on the relative rights and duties of the defendants and the plaintiff's intestate, well taken, and that there should be a new trial.

Minneapolis and Cedar Valley Railroad.

At the annual meeting of the Minneapolis and Cedar Vailey Railroad Company, held at Northfield, recently, John W. North, Esq., President of the road, resigned; and Gen. James Shields, of Rice county, was elected in his stead. Mr. North retains his position in the Board of Directors. is understood that the election of Gen. Shields indicates that the policy of the company will be materially changed from that hitherto pursued; and in the programme of future management, we believe, it is intended to take prompt measures to lieve, it is intended to take prompt measures to bring what is known as "Railroad Currency" up all. For many persons got exchange tickets at lost by the Canada route through the competition to par, at least so far as this company can hasten six or eight cents, which carried them over two of the New York railways.—St. Catherine's Jour-

Ditnois River Railroad.

This road is to extend from Pekin, Tazewell county, to Jacksonville, Morgan county, a distance of seventy-three miles. It passes through the counties of Tazewell, Mason, Cass and Morgan, which are well known to be unexcelled as an agricultural district. It will connect, two miles west of Pekin, with the Peoria and Hannibal road now in process of construction, and thence to Chicago via the Bureau Valley and the Chicago and Rock Island roads.

All the iron necessary for this road was purchased some time since in England, and 6,500 tons of it have been shipped to New York. By the 1st of July 5,000 tons will have been shipped from New York to Chicago. Six cargoes of rails, chairs and spikes, making over 2,000 tons, have already arrived here, and several other cargoes are daily expected. Over 500 tons of rails and a portion of chairs and spikes have gone forward to the line of the road, and shipments will be continued rapidly. Arrangements have been made for sending forward in a few days two locomotives and the necessary cars for track-laying from two points, which will be commenced early next month and prosecuted vigorously to completion. The road-bed between Pekin and Virginia, Cass county, fifty-eight miles, is completed with the excepion of about three miles of light work which will be finished by the time the track-layers reach it.

It is aimed to have the road completed to Virginia by the 1st of October next, and to Jacksonville by the 1st of January, 1860. This will be early enough to reap the benefit of carrying this season's crops to market. These, especially wheat and corn, along the line of the road, promise a full average yield, and they will mostly find their market at Chicago. Cass county alone, though containing less than 400 square miles, annually exports 30,000 hogs, several thousand head of fat cattle, besides a large amount of grain. Morgan county exports annually about 75,000 hogs, from 16,000 to 18,000 fat cattle, and a large amount of grain. Mason and Tazewell counties export largely of all these products—especially of wheat and corn. We congratulate the business men of Chicago, upon the favorable prospects of the speedy opening of a line of road from which they will derive a large and profitable trade. The energy and enterprise of those who have pushed it for-ward in the face of the monetary revulsion are worthy of all praise .- Chicago Tribune.

Philadelphia City Railroads.

There are ten different horse railroads for carrying passengers now in operation in Philadelphia, covering a distance of probably one hundred miles of single track. The number of cars is over 300 and the number of horses must be a couple of thousand. The men employed by them, in all capacities, amount to about one thousand. Fourth of July was a great day on these roads. The amount of money received on all of them, on that day, was \$8,787. This represents a total of 175,740 passengers at full five cents fare. operations of each road are shown by the following statement, which we have obtained from official sources:

THE RESIDENCE OF THE RE		Fares at
Roads. Cars.	Receipts.	5 cents
Second and Third 57	31,564	31,280
Fifth and Sixth 50	1,340	26,800
Fourth and Eighth. 38	1,050	21,000
Tenth and Eleventh.87	1,015	20,800
Race and Vine 26	780	15,600
Arch Street 16	870	7,400
Ridge Avenue 10	290	5,800
Girard College 19	594	11,880
Market Street35	1,000	20,000
Spruce and Pine 16	459	9,180
Darby Road 9	325	6,500
Total	\$8,787	175,740

roads, and besides there are a good many persons mal.

on the free list. So that it is estimated that the actual number of individual trips made was not less than two hundred thousand. This represents nearly one-third of the population of the city of Philadelphia, men, women, and children, the old and disabled, the invalids, and the children in arms. With such a result on a single day, who will say that city railroads are not a great public blessing? In the days when omnibuses were the only public vehicles for traveling at a cheap rate e city, the number of passengers on a great holiday could scarcely have amounted to one-sixth of the travel by the city railway cars on the 4th. -Philadelphia Journal.

Hannibal and St. Joseph Railroad Lands.

It is generally known that Governor Stewart recently accepted a portion of the Hannibal and St. Joseph Railroad, thereby permitting the company to put in market a large amount of very valuable lands. This act seems to have given general satisfaction to the citizens along the line of the road.

The law requiring the road to pass inspection as a first class road before the lands should be certified to the company by the Governor, was undoubtedly intended to secure the State on her bonds loaned the company, and not to permit the company to sell their lands until the road would, of itself, be ample security to the States. Whether or not the road is, in every particular, a first class road, the object originally contemplated in the law has undoubtedly been attained. The road is paying well, and trains are constantly making their regular trips. On certain portions of the road where temporary structures were first erected, in order that trains might run over the road sooner than they otherwise could have done, permanent and substantial works are being supplied, and in a short time, if the present plan is continued, the Hannibal and St. Joseph Railroad, in its whole length, will compare favorably with other so-called first class roads.

The sale and improvement of so large an amount of valuable agricultural lands, will certainly result to the immediate and permanent benefit of the State, for the taxes arising from them will soon be an addition to the receipts of the Treasury of no small importance. Why then should they have been permitted to lay idle for one, two, or three years longer? We certainly cannot see any good that would have resulted from such a policy. We do not believe the company will ever forfeit the road to the State, but will continue to pay their interest, ... upon and bonds, as they fall due.—
Jeffer son City Examiner.

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The Welland Railroad.

We have the satisfaction of announcing that the capacity, and facilities, for the transportation of grain by the Welland Railway, have been successfully developed in such a manner as fully to carry out the opinions expressed by its promoters in their original prospectus.

Although, on account of inadequate notice, sufficient preparation had not been made for the experiment, and the machinery was not put in motion, until near 1 o'clock, the cargo of the schooner Farnham (12,750 bushels) was by 7 o'clock transferred to a train of 27 cars at Port Colborne, which, before 8 o'clock, was in motion down the line

The weight of this train—something over 350 tons-was easily drawn by one locomotive; and, in the opinion of the Superintendent, the capacity of a first-class engine would equal 14,000 bushels of corn, or 382 tons a load. This fact shows the advantage possessed by the Welland Railway for carrying heavy trains at a small expense; and that, when the machinery is in good working or-der, a cargo can be transferred from the hold of a sel on Lake Erie to the hold of a vessel on Lake Outario within twelve hours.

The facilities of this line will, we feel assured, greatly increase the amount of trade in the direc-

Cincinnati Stock Sales. By KIRK & CHEEVER.	1
For the week ending July 11, 1859.	
Little Miami, 1st Mort. 684-84 and int. Covington and Lexington, 2d Mortgage 68-83	1
Little Miami, 1st Mort	1
Cincinnati, Hamilton & Dayton	1
Columbus and Xenia	,
Little Miumi86	1
Railroad Earnings. The earnings of the Chicago, Burlington and	1
Quincy Railroad Company for June, 1859, were as follows:—	
Freight	
Passengers	3 :
Total\$87,463 30	
Operating expenses estimated 50,000 00	1
Net earnings \$87,463 30	
Gross earnings per mile 546 64 Between Chicago and Burlington, 210 miles:—	
Freight	L
Passengers	1
Total\$100,298 23	
Between Galesburg and Quincy, 100 miles:-	ľ
Freight	1
Passengers 10,930 50 Mails and miscellaneous 860 33	
Total	1
Earnings in June, 1858\$170,996 62	
Decrease do. 1859 47,607 67	1
The receipts of the Grand Trunk Railway of	1
Canada for the week ending June 25, were	
Decrease\$1,199 28	T
Total traffic from July 1st	1
Decrease 494 053 49	1
Decrease	1
Michigan Southern Railroad:	H
1853\$148,946 1857\$197,418	1
1868 \$148,946 1857 \$197,418 1864 214,534 1868 178,927 1856 248,370 1859 122,105 1866 225,039	
Decrease from 1858	1
The traffic of the Great Western Railway of	1
Canada for the week ending July 1, 1859, was	1
as follows: Passengers\$21,717 07	1
Freight and live stock 7,806 76 Mails and sundries	
Total\$30,952 66	- 1
Corresponding week of last year 32,948 04	
Decrease	
The receipts of the New York and Harlem Railroad Company for the month of June, 1858	
and 1859, were as follows:—	
June, 1859	1
Net increase	
Net increase	1
The earnings of the Eric railroad for the month of June, 1859, were \$330,657 22 June, 1858 384,378 98	-
the last gottage is obtained the transfer of the	4
Decrease	

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	at once the top ore the sent of announce	-1
8. de esta a cal a	The business of the Illinois Central Railroad	The
o man to los fu	for June, 1859, was as follows:	and X
859. For cent,	Land Department.	1859
84 and int.	Acres Construction Lands	1858 .
85	sold	150
85	sold	The
64	Acres Free Lands sold 488.48 " 7,897 26	of Ne
83 %	Total sales during the	were.
85	month	For J
urlington and	Total of all	The
1859, were as	Acres sold since Jan'y	the N
AEO 004 90	Acres sold since Jan'y 1, 185917,049.67 for \$251,900 68 Acres sold prev'sly, 1,229,835,33 "15,637,148 95	June,
\$58,634 32 27,256 90	Acres sold prev'sly, 1,229,835.33 " 15,637,148 95	corres
1,572 08	Total 1,246,885.00 for\$15,889,049 63	1859
400 100 000	Construction Bonds canceled in June,	1858
\$87,463 30 50,000 00	1859	di
50,000 00	Construction Bonds canceled previ-	To make
\$37,463 30	ously 1,080,500 00	The June,
546 64	\$1,119,500 00	Do.
210 miles :-	Free Land Bonds canceled in June,	11
\$65,912 75 32,444 90	1859 \$7,000 Free Land Bonds canceled	TTI-
1,930 58	previously	Comp
1	——————————————————————————————————————	Comp 5 per
.\$100,298 23	O Other control of the control of	
00 miles:-	Total Bonds canceled up to June, 30, 1859\$1,264,500 00	for Ju
\$11,294 99	Cash receipts in June, 1859	Main
860 33	Do. since Jan'y 1, 1859 290,524 14	S. W.
2) 011 61 1 614	Total cash and bonds received to	30
128 888 95	June 30, 1859\$2,965,421 67	Farm
123,388 95	Traffic Department.	Earni
47,607 67	Receipts from passengers \$57,526 60 Do. freight	00
k Railway of	Do. mails 6,858 88	In .
25,	Do. rent of road 5,258 33	fornis
\$39,662 78 38,463 50	Do. other sources 4,244 00	per m
00,200 00	Total receipts in June, 1859\$148,416 96	In
\$1,199 28	Do. do. 1858 154,192 57	-ma
\$2,234,601 78 2,328,665 22	Do. since Jan'y 1, 1859 \$868,617 22 Do. do. 1858 905,653 02	The
	THE RESERVE OF THE PROPERTY OF	Centr
\$94,053 49	The June earnings of the Milwaukee and Mississippi Railroad were as follows:	Passe
rnings of the	Freight\$29,443 45	Freig
	Passengers 20,769 70	Misce
\$197,418	Mails 1,835 41	-
178,927	Total\$52,048 56	0.11
122,105	This is a falling off of 100 per cent, from the	1
\$56,822	earnings of the corresponding month last year.	1
n Railway of	The earnings of the Stonington Railroad in-	The
1, 1859, was	June, 1859, were	road,
-, 2500, 1168	June, 1858, were 16,618 30	Throu
\$21,717 07	1771 THE R. 1827 Co. 18 10 10 10	Local
7,806 76	Increase	Freig
1,428 83	The earnings of the Galena and Chicago Union	
\$30,952 66	Railroad Company, for the month of June, were:	Torre
32,948 04	1858, 1859, Decrease,	June,
-	Freight\$164,685 95 \$73,659 66 \$91,026 29 Passengers . 41,938 13 34,120 87 7,812 26	(408)
\$1,995 87	Mails, etc 4,108 57 4,000 00 108 57	The
and Harlem	and habitors were some urbon on tenna 6 want of and	Cincin
of June, 1858	Total\$210,727 65 \$111,780 58 \$98,947 12 Corrected earnings for the previous	pared
CUT95 02 90091	month\$122,007 63	year:
\$89,289 09	The North Pennsylvania Railroad earnings in-	June,
82,529 24	June, 1859, were\$27,862 34	Jupe,
\$6,709 85	June, 1858 22,101 93	ushi
for the month	Increase	The
\$380,657 22	Farnings in 7 months to June 30th	road
884,378 98	1050	June,
001,010 00	1000	-
\$45,721 71	1859 \$187,654 79 For same time last year 156,466 82	June,

MA	456
eara's to heartte	Waddan 455
The receipts of the Little Mis	imi and Columbus
and Xenia Railroad, for June, w	ers as follows:—
1859	
1858	77,508 26
Increase	\$9,949 78
The earnings of the Central I	Railroad Company
of New Jersey, for the mont	h of June, 1859.
were	\$80,627.65
For June, 1858	
Increase, 9 per cent.	\$6,800 66
The following is a statement	of the earnings of
he New York Central Railroad	
June, 1859, compared with its	s earnings for the
corresponding month of the pre	
1859	489 195 40
	102,100 40
Increase	
The Norwich and Worcester	oad earned during
June, 1859 Do. 1858	28,978
In the principle of the property and the	to local Language and the Lit.
Increase	
The New Jersey Railroad a	nd Transportation
Company has declared a semi-	innual dividend of
per cent., payable August 1.	Strone
The earnings of the Pacific R	ailroad of Missouri
for June, 1859, were:—	451 000 00°
Main line	1,249 00
in the second se	one and ordership
Earnings for June, 1858	\$52,251 20
Earnings for June, 1888	59,001 10
In June, 1858, the road was fornia, 150 miles—making the per mile. In 1859, the road was open to	earnings \$260 41 Tipton, 168 miles
-making the earnings \$312 84	The second of the second second second
The following are the earning	s of the Michigan
Central Railroad, for June :	359. 1858.
Passengers\$67,51	359. 1858. 10 35 \$99,249 56
Freight 46,76	37 40 65,595 14
Miscellaneous 5,49	
Total \$119,77	70 60 \$170,847 58
All pull	119,770 60
Decrease	\$51.076 98
The earnings of the Macon	19 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
oad, for June, 1859, were :-	and a catelli well.
Through	8611 30
Local	8,845 46
Mail	
Freight	- Tribin Arocket
Total	\$22,654 75 18,059 49
Increase	\$4,595 26
The following are the June	e earnings of the
Cincinnati, Hamilton and Day	
pared with the corresponding I	nonth of previous
year : June, 1859	
June, 1859	
and the second section of the sect	
Decrease The earnings of the Toledo	36,252 72
The earnings of the Toledo	and wabash Rail-
road for June, were as follows:	959 357 59
June, 1859	47,165 49
specifical cobies &g 45.5 Lt of	us <u>2002 del ou</u> which
Increase	\$11,192 10

Pacific Railroad of Texas

Intelligence has been received here that the important suit between Texas and the Pacific Railroad Company has been decided by the Supreme Court of Texas, and that the decision is adverse to Such a result has not been expectthe company. ed here, and it will create a bitter disappointment in many quarters.

We can explain, in a few words, the progress of the controversy to this point. The State of Texas, through her Governor, instituted suit some time ago against the Pacific Railroad Company to obtain a forfeiture of their charter for non-compliance with its conditions. The suit was brought before a lower court of Texas, when it was dismissed without a trial, on the ground that there

was no cause for bringing it.

The jury determined that the grounds of forfeiture of the charter set forth in the petition were all either insufficient, or insufficiently alleged, except one, which was, that the President, or Vice President, and a majority of the Directors, did not reside in the State of Texas at any time after the 19th of June, 1858. They held that the law requiring that was constitutional, and that it did not impair any right conferred upon the company by the charter. Thereupon the Governor appealed to the Supreme Court of the State for a decision as to whether there was not ground for trial in the lower court. The recent decision of the Supreme Court is, that there is cause of action, and, of course, the case must now go to trial in the lower court.

We presume that the company will go before the next Texas Legislature, if necessary, for relief from any disability to which they may have subjected themselves by dilatoriness, or informality of action. Of course, there must, at the best, be considerable delay, so that the progress of the great enterprise is utterly arrested for a time, at least .-Louisville Journal.

American Railroad Journal.

Saturday, July 16, 1859.

Copper Smelting at Baltimore.

For several years Baltimore has been largely engaged in the business of smelting and refining copper and contains two of the most extensive establishments for this purpose in the Union. One of these is owned by the "Baltimore and Copper Smelting Company" whose works are located at Canton and have been successfully managed by Dr. David Keener, one of our most accomplished metalurgists; and the other belongs to the "Baltimore and Cuba Smelting and Mining Company" located at Locust Point, and of which Haslet McKim, Esq., is the energetic and worthy president. The operations of these companies cover an immense interest, and together during the financial year ending 31st November, 1858, purchased and smelted the following amount of ores: South American, 9,451 tons, valued at \$1,180,000 Cuban 1,832 do. Domestic 3,797 do. do. 153,550 350,000

> Total....15,080 do. do. \$1,683,550

Of the domestic ores received at these works, 1,250 tons were from Polk county, Tenn.; 908 tons from Maryland (a large portion being from the Springfield mine) and Pennsylvania; 130 tons to his care; and we shall sincerely rejoice if he from Virginia; 540 tons from the Lake Huron region, and the remainder from the Lake Superior mines and other locations. The quantity of ingot copper produced at the two Works was about 8,000,000 pounds valued at \$2,000,000. The value of foreign copper received at Baltimore in 1857-8 was \$602,614, of which sheathing copper \$3,189, York Central, alone or jointly with the Pennsylvania the most remote parts of the country without see-

232 and copper ore \$384,232. The value of the the lessees; not for ten years, but in permanence, foreign material re-exported was \$185,436. The and so, let one of the elements of these periodical weight of these is not stated (as it ought to be) fits of pugnacity be finally withdrawn. in the Treasury Report.

New York and Eric Railroad.

3 Threadneedle Street, E. C. London, June 24, 1859.

To the Editor of the Am. RAILROAD JOURNAL.

Sin: Your article of 4th June, embodying an anonymous proposal to take a ten years' lease of the Erie Road, has excited much interest in England. You invite responses to the proposal. Probably before you can receive this, the offer to lease may have been either dealt with, or dropped; but there may be good, and can be no harm, in giving you our opinion that a lease on the terms you mention, or on the more detailed terms stated in the Tribune of the 8th of June, would be favorably regarded by mortgagees, bondholders, and stockholders, in this country, provided the parties offering themselves as lessees be acceptable, and the knotty points can be solved which must arise in stipulating for sufficient guarantees that the line and rolling stock be fairly maintained, and that there shall be "honor bright" in sustaining the connexions, and capabilities, of the route.

There has been every disposition here to sus tain Mr. Moran, and to favorably construe his actions and administration; but he has managed to sail so fearfully near the wind with the payment of his interest on 1st and 3d mortgage bonds, that everybody is afraid he will have the ship on the rocks. Europeans are at a loss to understand the policy which allows the world to doubt whether the 1st mortgage interest of \$210,000 a year will be met out of revenues amounting to nearly that amount fortnightly. Only \$76,000 per month are wanted to pay interest on the three first mortgages; surely nothing in the whole administration of the company's affairs is more important than the punctual payment of the coupons on these bonds. If forbearance be required on the subordinate securities, it may much more safely be counted on, and if the value and reliability of the 1st, 2d, and 3d, had been maintained, there would have been a sort of anchor of confidence to hold on by-an element of stability in one set of securities, which the return of good times would have extended to the others; but now all confidence is shaken from the highest to the lowest, and the panic-struck holders in America have been selling their first mortgage bonds as tainted property, although the whole amount of them is far less than one year's gross

No doubt the road required extensive improvement; we cannot judge whether any material part of the improvements effected might have been postponed; if not, then Mr. Moran may plead that necessity has no choice, but it certainly does lie on him to prove that he could not have avoided the course which has so shaken the confidence of every class whose interests have been committed will place his defence before his constituents (particularly the inferior bondholders on this side of the Atlantic), and succeed in re-establishing their confidence.

If, however, a lease of this road is to be the order of events, would it not be well for the New

copper in bars or pige \$18,961, old copper \$196,- Central, to become, in substance if not in name,

Yours respectfully,

HESELTINE & POWELL.

On this side, we are as much in the dark as to the present condition of the Erie railroad, or rather of the causes that have produced its present apparent condition, as are the stock and bondholders abroad. We know that the company are in default upon all its bonds, but whether from inability to pay the interest on them, or whether the company have otherwise appropriated such net earnings as have been realized, the public have no information. In 1858, the acknowledged net earnings were sufficient to pay the interest on about \$17,000,000. We think it very probable, though we have no means of knowing, that the next annual report of the company will show net earnings equal to the interest on the 1st, 2nd and 3rd mortgages, which call for about \$900,000 annually. Whatever they may be, we presume they have been used in liquidation of the floating debt of the company. We can offer no other solution. Mr. Moran does not choose to ventilate his mode of doing things before the public. We will not impute to him any unworthy motive; we believe him incapable of conspiring to sacrifice the road to any of the mortgage bondholders, but certainly he could not have taken any course so effectually to produce such a result as the one he has steadily pursued.

With regard to the proposed lease of the roadwe take it that no one will dispute the premise, that a party of competent railroad managers could run this road cheaper by at least 20 per cent., than it has been, or can be managed by the company. They would make it for the interest of every person employed to do his best, instead of doing nothing, or doing his worst, oftentimes. We appeal to every man of sense, to say whether it is not reasonable to suppose that were the road owned by individuals, one fifth more might be made out of it than is at present made? and whether every commercial and manufacturing enterprise conducted as the Erie railroad is would not fail? Twenty per cent. of the earning of the past year saved, would have produced \$2,200,000, equalling the interest on \$31,000,000. English railroads earn a trifle over 7 per cent., gross, upon their cost. Yet they contrive to place something over one-half of this amount on the side of net earnings. The Erie railroad, for 1858, earned something over 18 per cent. on its funded debt. Nothing but incompetency could prevent seven per cent. of this amount from going to the bondholders.

Again. A competent party, taking hold of this road would increase its receipts a half a million a year over the do-nothing policy of Mr. Moran, in reference to securing business. We have traveled a good deal within a few months past, and we have to see the first handbill or advertisement of the Erie at the stations of, or on the lines of other roads. We have made it a point to have our eyes about us for the special purpose of seeing what the Erie was doing to keep its road before the public. A person can hardly go into a station in

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ing flaming advertisements of the other leading companies, the Pennsylvania in particular, with minute directions to the travelers passing over their lines, setting for its advantages and attrac tions. In this mode of advertising, the Pennsylvania Company take the lead.

Gentlemen who have traveled all over the Western States tell a similar story. If one road advertises itself throughly, a rival line must do the same, or lose its business. If all unite in such a course, they stimulate, create travel, to an amount exceeding ten times the cost of doing so. The Erie Company has driven away every passenger, and every pound of freight, that can be driven away from its road. It is now, luckily, at low water mark. Those now managing the road can never turn the tide in their favor. They are completely played out, particularly at the West, the great source of business for the road. Before, the former prosperity of the road can be regained, a considerable portion of its future business must be

The great obstacle to leasing the road will come from the directors. We can hear of opposition from no other source. Such opposition is to be expected. The course proposed is the alternative to the threatened ruin they have brought upon the road. They cannot be supposed to be eager to acknowledge themselves incompetent for their duties. It is very likely that many of them have complications of one kind or another with the road. Then there is a Long Dock. There is probably a good sized cat under this heap of meal. Whatever may be the case, one thing is clear-the party in power have either ruined the road, or have brought it to the very brink of ruin, Mr. Moran may have the financial talents of an Archangel, but has made a very poor show of them on the Erie Railroad. If we are correctly informed, the company is in fault upon every issue of bonds. It has not a single dry spot to stand upon-not a single point it can urge in its favor. The only good feature in the case is that financiers are no longer wanted. Their functions are at an end. The credit of the company is no longer to be sustained. It is gone. What is now wanted are parties who will make the most money out of the road for its owners. Notwithstanding the giving out from certain interested quarters, we assure the bondholders that a party stand ready to take a lease of the road on favorable terms to the former, possessing as much means, as much respectability, and fifty times the practical talent possessed by the present board of directors, for the proper management of the road.

Niagara and Detroit Rivers Railroad.

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We learn from the Detroit Free Press, that the contract for building this road has been awarded to James Morton, of Kingston, the original contractor under the old McBeth Board. Mr. Morton is a gentleman of great practical ability in railroad matters, and of ample means to construct the entire line.

Dayton and Michigan Railroad.

We learn that track-laying on the Toledo division of this road, is progressing so rapidly that the line will be opened by the first of September from Dayton to Toledo. At the same time good progress is being made, at several points north of with gravel.

We have received the 24th annual report of the Directors of this company, for the fiscal year ending May 31, 1859, from which we learn that the receipts from earnings of the road during that time

HOLO.	The second second second		
From	passengers	\$493,092	54
66	freight	130,558	63
66	parcel, post and cars	12,958	29
46	mails	9,624	00
	property and territorial accounts,	e to head	
	rents, etc.	16,906	83

W. I Dank bids 7st Inc.			\$663,130	28
And the expenditures w	ere:	outte	71	
Maintenance of way	77.869	32		
Locomotive power	47,146	77		
Train expenses	66,003			
Station "	44,900	07		
Fuel	60,634	90		
Office establishment	22,592	55		
Miscellaneous	3.748	41		
Rent of Gr'd J'n Road	11.000	00		
Insurance and taxes			343 609	95

Less interest paid and accrued 124,150	21
Net income\$195,375 The net earnings of the previous year,	13
interest off, were 138,041	92

Net earnings \$319,525 95

Showing a gain, the past year, of. \$53,333 21

The road-bed, superstructure, and equipment, have been kept in good condition. The company have expended during the year \$40,304 32, in repairing and re-building bridges-making no less a sum than \$106,303 expended for this purpose within the past four years. The floating debt has been reduced during the year, \$100,735 14; and the funded debt, \$75,000-making the total reduction of indebtedness for the year, \$175,735 12.

Against the floating debt, amounting to \$99,-301 14, the company have cash, \$9,193 06, and notes receivable, mostly secured by mortgage, amounting to \$41,456 38-thus leaving \$48,651 70. The wood and materials on hand, and paid for amount to more than that sum. The honds due in 1862, amount to \$700,000; and those due in 1874 to \$445,500. These, and all other liabilities, except the income bonds, floating debt, and interest, are to be considered and treated, not as an annual charge upon the earnings of the road, but as so much invested as permanent capital, to be funded anew at maturity, and ultimately converted into capital stock, inasmuch as stock has nev er been issued to the amount of the cost of the road. There remains, then, to be provided for from the annual earnings, aided by sales of property as opportunity offers, the balance of the floating debt, the interest on the funded debt, and \$75,-000 a year for income bonds. Should the business of the road the present year be as prosperous as that of the past, the net receipts will extinguish the floating debt, and provide for the income bonds; and should sales of lands be effected, the proceeds of such sales, by relieving the net income to that amount, will leave it applicable to the payment of dividends.

The South Reading Branch, as usual, has been operated at a loss-the deficiency being \$874 75. The earnings of the Essex Road were \$59,991 89, and the expenses, \$45,685 10-leaving \$14,306 79 -sufficient to pay the interest on their bonds (ex-Lima, ditching the road and ballasting the track cept those held by the Eastern Company), and \$305 12 besides. The earnings of the Portland, become comparatively insignificant, and Unio

co and Portsmouth Railroad were \$208,299 41 and the expenses \$104,270 25, leaving \$104,029 16 -sufficient to pay its stated dividend of 6 per w cent., and leaving \$14,029 16 as surplus. As this must be retained by that corporation for its own

uses, t	he Eastern Company receiv	e no income from
that so	urce for the year. General Stateme	an an anthur Installa
	GENERAL STATEME	NT.
EN	is. The omees of the co	Dram ased and day
Capita	1 stock	\$2.853,400 00
State	of Massachusetts	500,000 00
	payable	
Borroy	wed money	22,649 92
Due ot	her roadsns for interest unpaid nds unpaid Railroad interest	26,046 15
Coupo	ns for interest unpaid	6,117 00
Divide	nds unpaid	6,588 96
Essex	Railroad interest	127 00
Grand	Junction Railroad coupon	8 2,400 00 18
Susper	ase account	4,780 55
Contin	gencies	4,021 47
Interes	86	18.871 59
Profit	and loss	2,115 53
	47 (6.4258	\$5,128,719 89
		oli Cr. or alli
Cost o	of Main line, 44.2 miles.	\$3,124,848 65
101 46	M'bleh'd Br. 3.0 "	55,843 05
66	Glouc'er " 13.1 "	338,879 71
66	Sal'bury " 3.8 "	79,189 38
66	Saugus " 8.4 "	236,246 82
66	S. R'd'g " 8.1 "	299,468 36
iar		S report of the second
	80.6	\$4,134,475 97
66	Essex Railroad	262,102 84
Equip	ment	
	state	

Fayette County (Pa.) Railroad.

Stocks and bonds

Notes receivable

Due from agents....

Materials on hand

Cash.....

This railroad when completed will extend from Uniontown to McConnellsville, and at the latter place connected with the Pittsburg and Connellsville Railroad. Its length is about 121/2 miles, but in this is included about 9-10ths of a mile which will ultimately be taken by the P. & C. R. R. Company. It was probably opened to Mount idea Braddock, a distance from Uniontown of 8 miles; 201 on the 4th inst. Of the whole line 651/2 per cent. nais is straight, and 341/2 per cent. curved. The whole amount of curvature is 770°; and the entire distance from Uniontown is 19 per cent. longer than a straight line. In this respect, as well as in some others, the road will compare favorably with other lines through uneven countries. The highest grade is 95 feet to the mile, and the whole amount of ascent going East is 24934 feet, and of descent 3233/4 feet, the difference being 74 feet, by which amount the bridge on the Youghiogeny river is lower than the grade at Uniontown. The cost with rail 48 pounds to the yard, is estimated at \$6,113,-371, and may cost \$125,000. Though a comparatively short road, this is an important one to Uniontown, which through the P. & C. R. R., and the Pennsylvania Railroad, will be secured a direct communication with Pittsburg, and the whole East and West. Uniontown is situated on what was formerly the greatest of national highways, the National or Cumberland Road. Since the opening of the great railroads of the country, however, affile this previously most important thoroughfare has

town, which then possessed advantages second to none in the way of communication Eastward and Westward, has since been entirely shut out from the commercial world. The present enterprise is an attempt to resuscitate its fortunes, and again place Uniontown, and the rich agricultural and mineral region around it, in easy communication with the hest markets. The officers of the com-pany for the year 1859 are—Hon. Nath. Ewing, President; John N. Lewis, Chief Engineer; and S. D. Oliphant, Secretary and Treasurer. Office, Uniontown, Pa.

Macon and Western Railroad.

The condition of the financial affairs of this company, June 1, 1859, is shown in the following nern statement :-

Construction accounts, etc\$1,500,0	00 00
Expenditures	384 18
	552 00
	189 60
	322 89
Treasurer's Balance\$33,686 74	
Bills receivable 47.881 07	
Freight agents 7,163 55	
Bank of the Republic 3,440 52	
Central R. R., J. J. Soutler 40,000 00	
Bank of Charleston 6.020 01	
Post Office Department. 2,993 04	
Geo. Parsons & Co 88 15	
American Atlantic Screw	
Steamship Co 5,073 72	
G. B. Lamar Loan 10,000 00	
	845 80

,815,094	87
438,800	00
65,500	00
	05
181,178	61
564	62
4,688	52
564	62
15,707	98
175	10
	,815,094 ,438,800 65,500 107,917 181,178 564 4,638 564 15,707

Total\$1,815,094 37 The road has practically no floating or funded debt, the uncalled-for instalment on the stock being sufficient to pay the entire amount of outstanding bonds when matured.

Mobile and Girard Railroad.

The Columbus papers contain the proceedings of the late annual meeting of the stockholders of this road, at Girard, Maj. Jno. H. Howard, was re-elected President.

The following gentlemen were chosen Directors for the ensuing year: Homer Blackmon, John Goldsmith, Wm. H. Mitchell, T. P. Threewits, D. B. Thompson, Thos. H. Dawson.

GROSS RECEIPTS OF ROAD.
Rec'd from passengers\$31,922 01
" freight 44,851 51-\$76,778 5
EXPENSE OF ROAD.
Transportation\$35,711 87
Repairs of road 20,055 50—\$55,766 7 Receipts of road \$76,778 52
Receipts of road
Expenses 65,766 77
to despite a herboared file the alies annual con-
Net earnings of road \$21,006 75
Assets of road 86,659 48
24 city bonds at 90c 21.600 00
35-11 Cal

Mail contract 4,500 00-

262.759 48

Interest and Dividends.

The King's Mountain Railroad Company have declared a dividend of three and a-half per cent. payable at Yorkville, S. C.

A 5 per cent. dividend has been declared by the Cleveland, Columbus and Cincinnati Railroad Company, payable Aug. 1, at the office of the United States Trust Company, in this city.

The Waltham and Watertown (Horse) Railroad, a dividend of 4 per cent., payable July 11th.

The Macon and Western Railroad Co. have de clared a dividend of 7 per cent., payable August 1

Railroads in Texas.

Texas is fast becoming a great and prosperous State.-Within a brief period, her people have turned their attention to railroad building, and the progress they have made attests their zeal and energy. There are at present in active operation in Texas 228 miles of railroad-57 of which were constructed during the past six months. In addition to this, 124 miles bave been graded within that period, and 164 put under contract, while the amount of iron purchased and arrived, or arriving, for future work, is in the aggregate about 23,000 tons. Something like 1,000 or 1,200 hands are constantly employed upon the various sections under contract, and it is expected that 80 or 100 miles more of road will be put in working order in the State during the year. This for Texas, laboring under the disadvantages of partial isolation, and a not very numerous population scattered over a large amount of territory, must be looked upon as a very fair effort, giving promise, if it holds out, of pushing that State in due time into the front rank of enterprise, prosperity and greatness.

Ohio and Mississippi Railroad.

Annexed is the official statement of the business of this road for the past half-year :

Gross earnings for 6 months, ending June 30, 1859 \$486,796 38 Expenses for same time, including taxes 246,425 26

.\$240,371 12 Net for 6 months 5 per cent. dividend declared July 6, 1859 237,805 00

Surplus \$3,066 13

Military Value of Railroads.

The German papers express their astonishment at the omission of the Austrians to tear up the railroad track, and so destroy a military means which the French have so utilized. The Vienna Press, improving the topic, points out the fact that the French soldiers brought out from the reserve at Montebello, approached so near the scene of action in the trains that they commenced firing from the car windows before they were disem-

Louisville and Nashville Railroad.

We learn from the Chief Engineer of this road that it will be ready at this end, by the middle of August, for cars to run as far as Bowlingreen. The other end is now traversed by the cars, we believe, from Louisville to a point within 30 miles of Bowlingreen. This gap will, of course, be greatly shortened by the 15th of August. The Engineer is confident the cars will run through from Nashville to Louisville by the middle of November. Considering the nature of the ground through which the road runs, in connection with the fact that several difficult tunnels, and not less

culties they have had to encounter in relation to ave county bonds.—Nashville Gazette.

Rock Island Stailroad.

The statement of this company for the fiscal, year which closed June 30th, has not yet been served up. Reason-not sufficiently cooked.

Buffalo and State Line Railroad.

The election of officers of the Buffalo and State Line Railroad Company resulted as follows: President, George Palmer; Vice President, Dean Richmond, James S. Wadsworth, Joseph Field, Charles H. Lee, William Keep, Harrison White, John Wilkeson, H. F. Lansing, Alanson Robinson, George W. Patterson, Charles Moran, Daniel Drew.

Texas Railroads.

We learn from the Houston Telegraph that the Central road is completed sixty-five miles from Houston, and that thirty miles of the Brazoria road are completed and in running order. The company is at work laying down the balance of the iron, all of which, to complete the road to Columbia, has arrived. There are now over 200 miles of railroad in Texas completed, connecting with the city of Houston.

Railroad Iron.

HE undersigned have American and Foreign Railroa Iron for sale, deliverable in New York and other ma CASWELL & PERKINS, Brokers, 69 Wall st.

NEW YORK, July 9, 1859.

Car Wheel Boring Machine

FOR \$400.

ONE of Wheeler's best vertical Machines, with over-head pullics and shaftings,—cost \$700. Has been used a short nd is in perfect order, ready for use.

WILLIAMS & PACE,

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44 Water st., Boston.

FREIGHT CARS for SALE.

1 1 CARS—Have been run about one year,—viz :—
2 long 8 wheel Box Cars,
9 " Platform Cars.

These Cars are made in the best manner, with large axies, rakes, Lightner boxes, etc., and will he sold low for cash.

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FOR SALE.

FURST CLASS LOCOMOTIVES, warranted to be superior in every respect. Weight 21 tons. Gauge 4 fret 8% inches. Oylinder 15x21 inches. Outside cannection. Belief 44 inches diameter. 130 Copper Flues, each 10 feet 6 inches long. 2 inches diameter. 800 sq. feet Fir-Surface. Tender, 1,700 gallons. 5 feet Drivers. Are entirely new, never having been used. For terms apply to

GEO. T. M. DAVIS,

47 Erchange Place.

New York, June 22, 1859.

RAILROAD IRON.

500 TONS American Rails, Erie pattern, 56 lbs. per yard, for a-le at Chengo, als about 250 Tone English Rails same size and weight.

M. K. JESUP & COMP'K,
New York, June, 1859.

44 Ezchange Place...

RAILROAD IRON.

WELSH or Staffordshire make, delivered on board at English port or at a port in the United States.

NORRIS & BROTHER,

And 17 Nassau st., New York.

NOTICE to RAILROAD CONTRACTORS.

OFFICE OF THE RICHMOND & YORK SIVER R. R., & THE underigned is authorized to receive Proposals f. r. she undashed Gradine, Editing, Delivery of Great It. a, Laying the Track, Depois, and all other work necessary to complete the 2nd Division of the Richmond and York St. year Radroad to West Point (18.5 miles.) including Pamunkey Siver Bridge, Wharfing at Pamunkey Siver and at West Point.

Point.

Proposal scaled, will be received at this office in Rocketts in tals city, antil the 20th day of July pert, at 12 M, where Plans, Specifications and all information new serry for bidder, will be furn shid on and a few the 10th of July.

Two separate bids to be made by each bidders.—One to state the crice in cash for each iten; the other to state the part who, and 20 per cent reserved from monthly estimated until contracts are completed.

D. S. WALTON, ChieffEng'r.

THE FARNLEY IRON CO., HA



Near LEEDS, Yorkshire,

MANUFACTURERS OF LOCOMOTIVE TIRES. TIRE BARS.

BOILER PLATES, ETC.

The undersigned are prepared to execute orders for

TIRES,

Manufactured at these celebrated Works,

OF ALL SIZES.

A STOCK CONSTANTLY ON HAND.

The quality of the FARNLEY IRON is precisely the same as that of LOW MOUR and BOWLING, being from the same bed of mineral. For sale, at manufacturer's prices, by

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SOLE AGENTS for the UNITED STATES and CANADAS,

JOS. R. ANDERSON, JOHN F. TANNER. R. ARCHER,

TREDEGAR IRON WORKS.

WE CONTINUE TO MANUFACTURE at these old and extensive Works, from BEST CHARCOAL

M K TA L BAR 1RON OF EVERY SIZE AND SHAPE.
RAILROAD CHAIRS, VARIOUS PATTERNS,
RAILROAD AND SHIP SPIKES.
TRUCK BOLTS AND FISH BARS,
OAR AND TRUCK AXLES
BRIDGE AND OTHER LONG BOLTS,
IRON TRUCKS,
BOX AND PLATFORM CARS,

RAILROAD WHEELS, EITHER FITTED TO AXLES OR SEPARATE, CANNON AND PR JECTILES, ALL KINDS IRON AND BRAS CASTINGS, LOCOMOTIVE, STATIONARY AND PORTABLE ENGINES, SAW AND GRIST MILLS, SUGAR MILLS AND ENGINES.

Our SPIKE AND BOLT FACTORY, which was destroyed by fire on the 7th April, has been rebuilt on an mlarged scale, and we are now prepared to make 25 tons SPIKES and 5,000 BOLTS per day. Our Customers may now send us their orders with full confidence that they will be always promptly executed.

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SANDERSON, BROTHERS & CO.,

MANUFACTURERS OF THE

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FOR MAKING SUPERIOR TOOLS.

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THE undersigned, Agents for leading Manufacturers in STAFFORDSHIRE and WALES, are prepared to contract for delivery on board ship at Livergood, or Welsh port.

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OLD RAILS received in exchange for new, or for re-manufacturing.

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CONTRACTS for RAILS, at a fixed price or on commission, delivered at an English port, or at a port in the United States, will be made by the undersigned.

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THEODORE DEHON,

10 Wall st., near Broadway, N. Y.

500 tons T Rails on hand, 54 to 51 lbs. per lineal yard.

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The Crescent Manufacturing Company,

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A BE now prepared to executs, at about some orders he.

A Rails of any required pattern and weight, and to re-roll old rails, on the most liberal terms. Address.

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Eric Rails, 57 to 58 lbs. per yard, on hand in NEW YORK and NEW ORLEANS.

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SCRANTON LUZERNE CO. PA.

By the completion of the DELAWARE LAGRAWARE AND
WESTER SALEADA, the Company are enabled to pean
the MAGNETIU ORES from the most colorisated miles in
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These Works have been greatly saleaged the past was and
are, therefore, prepared to execute orders premight for HAIL
HOAD IRON of any pattern and water, Car Artice,
spikes, and Merchant Eros. They have on hand paterns for T Rails, of the following wateries per insertance
T Rails, and MERCHANT IRON may be seen and
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or DAVID 8. DODGE Transfer 46 Exchange Place, NEW YORK BOILD SELECT

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HAVING leased the extensive Works of the CAMBRIA
LIRON COMPANY, situated at Johnstows, Cambria
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Of First Quality and Warranted. BAR, TOOL, DRILL, AND DIE STEEL LOCOMOTIVE, OAR AND CARRIAGE CAST STEEL

CAR SPRING STEEL.

Far superior to the ordinary kind.

FROG PLATES. POINTS.

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Steel. Gun Metal. Wire and Machinery Steel.

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THE RAILROAD IRON MILL COMPANY. CLEVELAND, OHIO, RAILROAD IRON.

THIS is a new ROLLING MILL Daving Seen work only eighteen munting and domined to work for roads on this time between Buthle and Chicago in re-rolling old Rails The capacity is Forty Tone per day. It is well situated for receiving old Rails, either by Railroad or Lake.

Orders are now solicited

From Roads in other sections of the rountry; and work will be made with New Iron in the heads, if desired.

10 ALBERT G. SMITHOUT President of the Incorporation.

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I RON AND STEEL

ROLLER PLATE.

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AILROAD IRON.

THE undersigned, agents for the manufacturers, are pre-pared to make CONTRACTS FOR RAILS deliv-ered free on board at ports in England, or examinations in the United States

M. K. JESUP & COMP'Y,
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New York, let June, 1859.

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AND COMMON BARS.
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R. & J. MAKIN, 70 Broad st.

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and of weight or pattern as may be required. 9 South William st.

IRON BOILER FLUES LAP-WELDED BOILER FLUES,

1½ to 7 inches outside diameter, cut to definite length, 2 to 20 feet as required.

Wrought Iron Welded Tubes,

From % to 3 inches bore, with Screw and Socket Connection
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Incrustation Preventer

FOR STEAM BOILERS.

EFFECTUALLY obviates the Formation of Scale on the Plates by separating the incrusting matter from the water before it enters the boiler, at the same time condensing a large portion of the steem and supplying the purifiest water to the boiler at about boiling heat. The apparatus is compact, simple, and applicable to all kinds of Engines. Recent modifications render its till more efficient than heretofore Testimany as to its successful operation in preventing scale.

Recent modifications render it still more efficient than neretorore Testimany as to its successful operation in preventing scale, of and also as a HEATER AND CONDENSER, can be furnished by the subscriber.

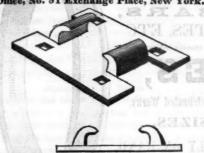
Probably no modern improvement connected with Steam Power combiness or many advantages as this. The economy of Fuel alone from its use soon repays the cost of the apparatus. Prices reduced. Terms easy, STEWART KERR, Engineer, Agent, 15 Breadway, NEW YORK,

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RAILROAD CHAIR WORKS. J. B. GREEN & CO., Proprietors.

SUCCESSORS TO THE

New York Wrought Iron Railroad Chair Company, Office, No. 51 Exchange Place, New York.



HAVING recently purchased, at Receiver's Sale, all the Patent Rights owned by the late "New York Wrought Tron RAILROAD CHAIR COMPANY," and also the entire machinery for manufacturing their improved Wrought Iron Railroad Chair, we are now fully prepared to receive and fill all orders from responsible parties, to any extent, with promptness and dispatch.

The thickness of the lips of our chair increases through the bend, where the greatest strength is required, and diminishes towards the edge; so that a less weight of metal may be used, and a strength acquired equal, if not superior, to that of a heavier Chair of uniform the chair of a bearier Chair of uniform the company of the course of the towards the edge; so that a less weight of metal may be used, and a strength acquired equal, if not superior, to that of a heavier Chair of uniform the parties wishing the best Wrought Iron Chair now in market, to our works for a supply; believing they combine qualities superior to any others now manufactured.

One great advantage possessed by our Chairs over those that are rolled, is that the lips are turned against or across the fibre of the iron; while the lips of a rolled Chair are turned with the fibre—making them liable to break or split as a board.

The Chairs weigh from seven and a-half to fifteen pounds, according to the chickness of the Iron and size of the Chair. To enable us to give you a perfect fit, it will be necessary always to send a section of the Rail properly notched. We cannot undertake to make Chairs without a proper pattern, as it is impossible to make a perfect fitting Chair from a drawing. Chairs of our manufacture, are used by the following roads, and by over seventy others, in every part of the country:—North Carolina Railroad Company, New York and New Haven Railroad Company.

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Messrs. M. K. JESUP & CO., 44 Exchange Place, NEW YORK, are the only parties authorized to act as our Agents.

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CAST-IRON ENDLESS RAIL FOR CITY RAILROAD;

Now being laid in Philadelphia and elsewhere;

THIS road is exclusively of cast iron, without tie, string-piece, or chair; Rail 85 to 100 lbs. per yard; Durability four fold over the present roads, with 65 lbs. groove rail: And with a saving on first cost; effecting 4 reduction in current yearly repairs, and relays, of at least \$1,000 per mile.



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The road can be built and equipped, without additional cost over a road with 56 lbs. Trail; saving not less than 60 per cent. on motive power, 50 per cent. on dead weight, and 80 per cent. on repairs of way; thus reducing the yearly expenses from \$1,500, to \$2,000, per mile. For full particulars, with trawings, selaring to both roads, see a recent Treatise. entitled Railroads, their construction and management with the remers from twenty-five years experience, in S. A. BEERS, Olvil Engineer, Baogattys, N. Y. Price 50 cts, Address the author.

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The under-igood is prepared to construct, by contract, the above roads, in any part of the U.S. or Europe, at the short crimotice, being aided by a staff of contractors of the most extensive experience.

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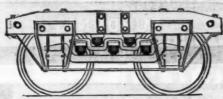
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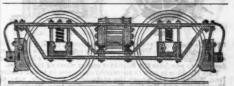
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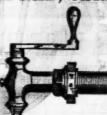
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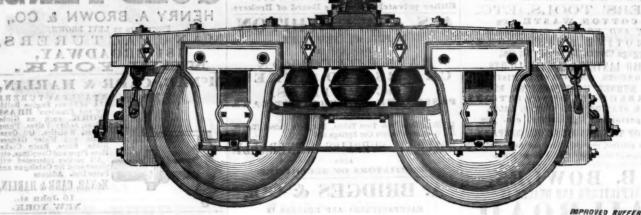
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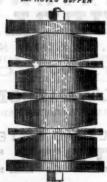
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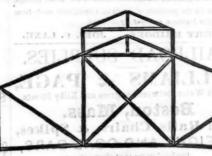
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